Michael V L Bennett

List of Publications by Year
in descending order

34	4,116	304602	395590
papers	citations	22 h-index	33 g-index

35	35	35	5353
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrical Coupling and Neuronal Synchronization in the Mammalian Brain. Neuron, 2004, 41, 495-511.	3.8	712
2	Blood-brain barrier dysfunction and recovery after ischemic stroke. Progress in Neurobiology, 2018, 163-164, 144-171.	2.8	565
3	Protein kinase C modulates NMDA receptor trafficking and gating. Nature Neuroscience, 2001, 4, 382-390.	7.1	390
4	New roles for astrocytes: Gap junction hemichannels have something to communicate. Trends in Neurosciences, 2003, 26, 610-617.	4.2	372
5	HDAC inhibition prevents white matter injury by modulating microglia/macrophage polarization through the GSK3Î²/PTEN/Akt axis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2853-2858.	3.3	303
6	Oxidative stress and DNA damage after cerebral ischemia: Potential therapeutic targets to repair the genome and improve stroke recovery. Neuropharmacology, 2018, 134, 208-217.	2.0	202
7	Gap junctions as electrical synapses. Journal of Neurocytology, 1997, 26, 349-366.	1.6	181
8	Connexin and pannexin hemichannels in inflammatory responses of glia and neurons. Brain Research, 2012, 1487, 3-15.	1.1	177
9	Phosphorylation of connexin 32, a hepatocyte gap-junction protein, by cAMP-dependent protein kinase, protein kinase C and Ca2+ /calmodulin-dependent protein kinase II. FEBS Journal, 1990, 192, 263-273.	0.2	171
10	Peroxisome proliferator-activated receptor Î³ (PPARÎ³): A master gatekeeper in CNS injury and repair. Progress in Neurobiology, 2018, 163-164, 27-58.	2.8	156
11	The Role of Gap Junction Channels During Physiologic and Pathologic Conditions of the Human Central Nervous System. Journal of NeuroImmune Pharmacology, 2012, 7, 499-518.	2.1	110
12	Activation of autophagy rescues synaptic and cognitive deficits in fragile X mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9707-E9716.	3.3	105
13	IL-4/STAT6 signaling facilitates innate hematoma resolution and neurological recovery after hemorrhagic stroke in mice. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32679-32690.	3.3	93
14	The ATP required for potentiation of skeletal muscle contraction is released via pannexin hemichannels. Neuropharmacology, 2013, 75, 594-603.	2.0	85
15	Elevated ERK/p90 ribosomal S6 kinase activity underlies audiogenic seizure susceptibility in fragile X mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6290-E6297.	3.3	80
16	Tissue plasminogen activator promotes white matter integrity and functional recovery in a murine model of traumatic brain injury. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9230-E9238.	3.3	54
17	FGF-1 Triggers Pannexin-1 Hemichannel Opening in Spinal Astrocytes of Rodents and Promotes Inflammatory Responses in Acute Spinal Cord Slices. Journal of Neuroscience, 2016, 36, 4785-4801.	1.7	52
18	Cell types and synaptic organization of the medullary electromotor nucleus in a constant frequency weakly electric fish,Sternarchus albifrons. Journal of Comparative Neurology, 1980, 192, 407-426.	0.9	45

#	Article	IF	Citations
19	APE1/Ref-1 facilitates recovery of gray and white matter and neurological function after mild stroke injury. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3558-67.	3.3	42
20	Protease-independent action of tissue plasminogen activator in brain plasticity and neurological recovery after ischemic stroke. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9115-9124.	3.3	37
21	RAPID DEGENERATION OF AMPULLARY ELECTRORECEPTOR ORGANS AFTER DENERVATION. Journal of Cell Biology, 1973, 56, 466-477.	2.3	32
22	Pyramid power: Principal cells of the hippocampus unite!. Brain Cell Biology, 2007, 35, 5-11.	3.5	24
23	Connexins in disease. Nature, 1994, 368, 18-19.	13.7	23
24	Estradiol pretreatment ameliorates impaired synaptic plasticity at synapses of insulted CA1 neurons after transient global ischemia. Brain Research, 2015, 1621, 222-230.	1.1	19
25	Special cutaneous receptor organs of fish. VII. Ampullary organs of mormyrids. Journal of Morphology, 1974, 143, 365-383.	0.6	16
26	Gap junctions and septate-like junctions between neurons of the opisthobranch molluscNavanax inermis. Journal of Neurocytology, 1983, 12, 831-846.	1.6	14
27	Chapter 15 Neoreticularism and neuronal polarization. Progress in Brain Research, 2002, 136, 189-201.	0.9	14
28	Pharyngeal movements during feeding sequences inNavanax inermis: a cinematographic analysis. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1984, 155, 209-218.	0.7	11
29	HIV-Associated Cardiovascular Disease. American Journal of Pathology, 2017, 187, 1960-1970.	1.9	9
30	Distance chemoreception inNavanax inermis. Marine and Freshwater Behaviour and Physiology, 1982, 8, 231-241.	0.9	8
31	Ion Channels in Inflammatory Processes: What Is Known and What Is Next?. Mediators of Inflammation, 2016, 2016, 1-1.	1.4	7
32	Not what you thought: How H+ ions combine with taurine or other aminosulfonates to close Cx26 channels. Journal of General Physiology, 2011, 138, 377-380.	0.9	5
33	An Acute Mouse Spinal Cord Slice Preparation for Studying Glial Activation ex vivo. Bio-protocol, 2017, 7, .	0.2	2
34	Introduction to Connexins and Pannexins in the Healthy and Diseased Nervous System with Thanks to Felikas Bukauskas. Neuroscience Letters, 2019, 695, 1-3.	1.0	0